

ABSTRACT OF THE DISCLOSURE

An interstitial brachytherapy apparatus and methods for treating proliferative tissue disorders with radiation and a surface delivered treatment agent. The brachytherapy device includes an insertion member having proximal and distal portions and at least one lumen
5 extending therethrough. An expandable surface member is mated to the distal portion of the insertion member and includes a treatment agent releasably mated thereon. When the brachytherapy device is positioned within a tissue cavity and the expandable surface member is expanded, at least a portion of the treatment agent is delivered to tissue surrounding the tissue
10 cavity.

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